



Work Zone Safety Bulletin

March 2005

2005 WORK ZONE TRAFFIC CONTROL GUIDELINES BOOK M-54-44

NOW AVAILABLE

The new **WORK ZONE TRAFFIC CONTROL GUIDELINES** manual is now available through the WSDOT Engineering Publications Office and on the web at:

<http://www.wsdot.wa.gov/fasc/EngineeringPublications/Manuals/Workzone.pdf>

Please replace your previous version of the M54-44 with the 2005 version and incorporate the revised information into your work zone practices.

Consult with your Region Traffic Office for any additional TCP's or other guidance to address your specific work zone needs.

2005 update summary:

General:

- Complete revision of book to ensure it complies with current edition of MUTCD and current WSDOT standards.
- Basic content has been retained in the text, expanded the established guidance from previous manual by providing additional information and guidance in broader areas to try and capture major elements and operations affecting traffic control procedures.
- Revised wording for protective & shadow vehicles to comply with MUTCD wording. Updated TMA information as per manufacturer comments, WSDOT Design Manual and AASHTO Roadside Design Guide.
- Revised the format to be consistent with other WSDOT manuals by going to 3 hole punch style, this also helps users with updates to the manual.
- Annual updates or earlier if needed.

Guidance:

- Added new guidance for devices: warning lights, temporary & portable signal systems, highway advisory radio.
- Safety office provided updated information for the section on Personal Protective equipment.
- Added guidance for addressing pedestrians, bicycles and other roadway users.

- Added guidance for additional work zone considerations: work zone speed limits, worker protection, survey work zones, public information & coordination and road closures.

Plan sheet revisions:

Generally cleaned up the original plans from 2000 version to look more proportional, remove extraneous information to reduce clutter on sheets, fixed typo's, expanded notes on plan sheets to be consistent from sheet to sheet. Added new plans to address statewide issues and comments and expand guidance.

- Expanded number of plan sheets from 24 to 31
- Buffer Data Block on all the plan sheets has been revised to meet industry standards.

Stationary Work Zone section, plans (TCP1 to TCP13):

- Maintained all plans from previous version of the manual but updated the plans to be consistent with current standards.
- Separated the flagger controlled plan and pilot car operation into two separate plans to provide additional guidance. (Reflects department policy on cone use with pilot car operation.)
- Added a new plan sheet to show typical on and off ramp closure details.

Short Duration Work Zones, plans (TCP14 to TCP20):

- Added a complete new section to include guidance on Short Duration Work Zones. Multiple pages of text to provide recommendations and guidance, 7 new plan sheets to show typical operations.

Mobile Work Zones (TCP22 to TCP27):

- Revised plans to be consistent with WSDOT standards and to clarify information shown on plan sheets.
- Removed snowplow and avalanche control operation plan sheets.

Intersection Operations (TCP28 to TCP30):

- No major changes or revisions. Revised sheet layout to be consistent with the rest of the manual and MUTCD.

Emergency Operations (TCP 31):

- No major changes or revisions to this section, additional warning signs and revised general notes for additional recommendations and clarity were provided.

Special Details (TCD1 to TCD5):

- Revised a few plans, removed the old TCP reference chart, included new plans for motorcycle warning sign placement, lane closure with a shift, and updated the speed zone detail and pavement marking details.

Appendix:

- Included a new appendix section that holds WSDOT directives and guidance and work zone safety bulletins.
- Added new guidance for use and placement of traffic control devices called "Channelizing Device Application Matrix".

Contact Marty Weed, State Work Zone Engineer, by e-mail at weedm@wsdot.wa.gov or at (360) 705-7293 for any questions.



Washington State
Department of Transportation
Work Zone Safety Task Force